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imagery analysis report

Libyan Military Activity in Chad

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LIBYAN MILITARY ACTIVITY IN CHAD,



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1. (S/D) This report summarizes Libyan military activity in Chad from [redacted] [redacted] During this period the Libyans increased their presence in Chad significantly, especially in the areas of Ndjamena, the capital, and Dougia, Faya Largeau, Fada, Oum Chalouba, Ounianga Kebir, and Aozou (Figure 1).

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2. (S/D) Chad, which achieved independence from France in 1960, has been divided by rival factions fighting a civil war for the past 16 years. Libya has offered support to various guerrilla groups during this time. When a coalition provisional government comprising representatives of all the political factions broke down earlier this year, fighting between the forces of President Goukouni Oueddei, supported by Libya, and the forces of Defense Minister Hissene Habre intensified.¹

3. (S/D) In late June 1980, an airfield was identified under construction 51 nautical miles (nm) north-northeast of Aozou in the Libyan-claimed and -occupied Aozou strip.² The Aozou airfield is still under construction but is now serviceable, and Libyan aircraft have been observed there since [redacted] (Figure 2).

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4. (S/D) A second airfield was identified under construction on the outskirts of Ndjamena, approximately 3 nm northwest of Ndjamena airfield on [redacted] Ndjamena Airfield Northwest consists of a graded-earth runway with a line of defensive positions on the southeastern edge (Figure 3). The presence of three HIND helicopters on [redacted] indicates that the airfield is occupied by Libyans. At Dougia Airfield, 35 nm northwest of Ndjamena, the runway has recently been extended and a new parking apron/support area has been observed.

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5. (S/D) Since late October, Libyan aircraft including F-1 Mirage fighters, SF-260 light strike aircraft, and CH-47 and HIND helicopters have been deployed to various airfields in Chad (Figures 4 and 5). Libyan ground force equipment including tanks, armored personnel carriers, multiple rocket launchers, and antiaircraft weapons has been observed (Figures 6 and 7). Table 1 summarizes equipment and aircraft observed in Chad during this period.

6. (S/D) Imagery of the Zouar, Bardai Zougara, Ogoui, Yebbi Bou, Koro Toro, Iriba, Ati, Adre, Am Timan, Odouge, Abeche, Pala, Bongor, and Moundou areas revealed no significant activity.

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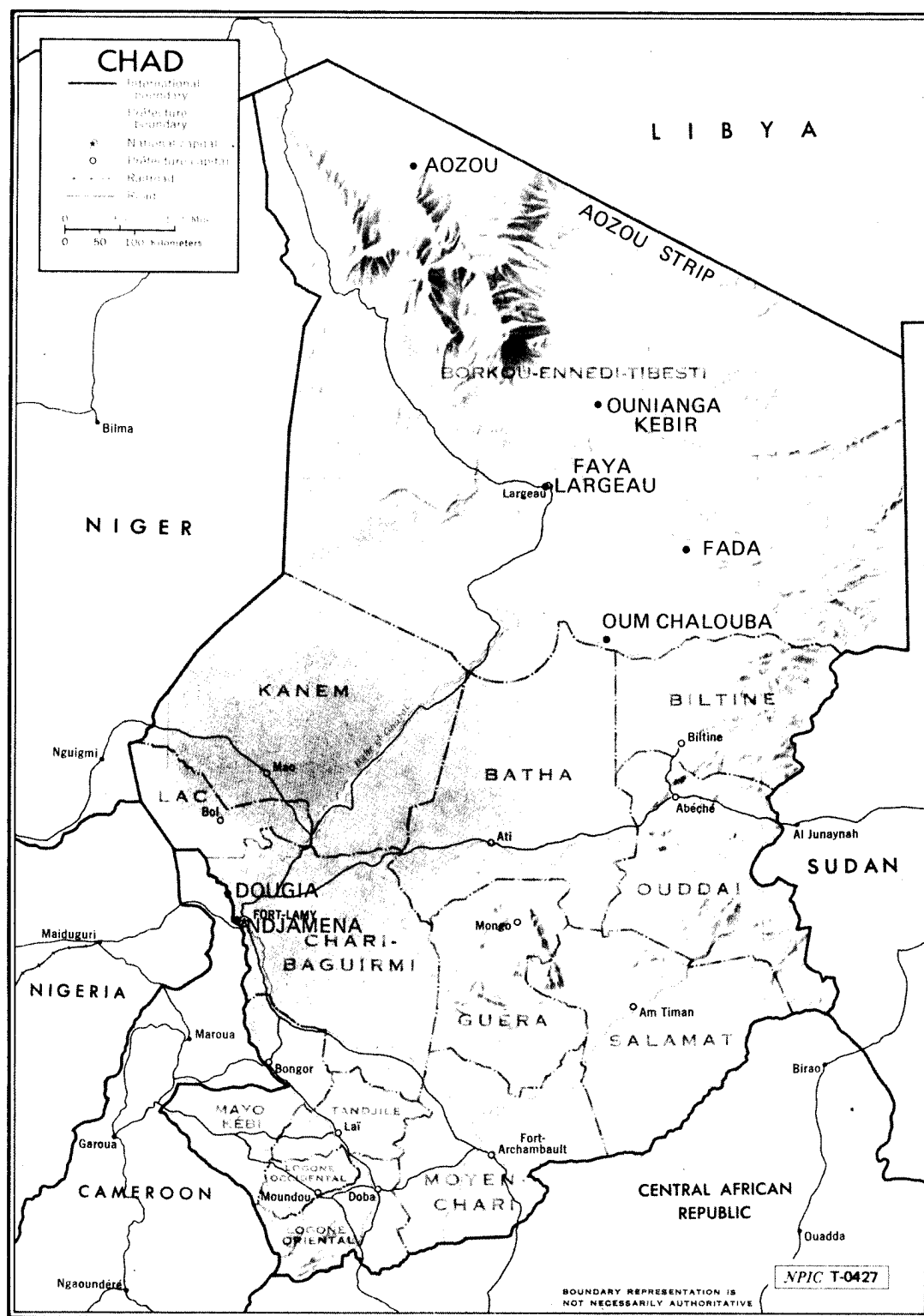


FIGURE 1. LOCATIONS OF LIBYAN MILITARY ACTIVITY IN CHAD

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Table 1. Libyan Air and Ground Equipment Seen in Chad on Images from [redacted]
(This table is its entirety classified SECRET)

Dounga Airfield	Acore Airfield	Fata Airfield	Faya Largeau Airfield	Dumtanga Kibir Old Airfield	Qum Chanoiba Airfield	Najamata Airfield NW
1 SF 200 1 CH 47 1 DC 4 type 2 fuel trucks 1 fuel/water truck 5 cargo trucks 4 flatbed trucks 2 portable dollies						
1 DC 133 1 CH 47 1 DC 4 type 2 fuel semi-trailers w/prime movers 7 trucks 2 vehicles/pieces of equipment						
1 DC 4 type 1 SF 200 1 fuel trailer 1 tank truck 1 cargo truck						
1 SF 200 1 SF 200 partially assembled 1 CH 47 2 fuel trucks 1 tank truck 2 vehicles 1 grader 1 motorcycle of equipment	1 CANGID 1 CH 47 3 SF 200					
1 SF 200 1 TWIN OTTER 2 fuel trucks 3 trucks 1 tractor 1 motorcycle of equipment		1 HIND A				
6 SF 200 (1 derailed) 1 fuel truck 3 cargo trucks	9 Mirage F.1 9 SF 200 1 Falcon 20 1 Dufourmen II 1 ZU 23 A	1 HIND A 6 BTR-60 8 B60 non-trailers w/prime movers 13 trucks 2 vehicles				
8 SF 200 (1 derailed) 2 HIND 2 CH 47 5 cargo trucks 3 fuel trucks	1 Friendship F-27	6 SF 200 1 HIND A				
5 SF 200 (1 derailed) 2 SF 200 in flight 1 DC 4/8 2 portable fuel truck/tailers 1 flatbed trailer 2 service vehicles 1 bulldozer	4 portable SA-9 TEL 4 ZU 23 AA 1 ZSU 23-4	6 SF 200 1 HIND A	DEPLOYMENT AREA AT WEST END OF RUNWAY 1 CH 47 16 heavy lift transporters 12 portable armored vehicles 50 trucks/vehicles 7 single axle trailers 12 NM WEST OF AIRFIELD approximately 100 trucks/vehicles 8 MRL 4 FA 4 heavy lift transporters WEST END OF RUNWAY 1 HIND 2 CH 47 3 medium tanks 15 BTR-60 APC 4 122 mm howitzer D-30 28 heavy lift transporters approximately 125 trucks/vehicles 12 NM WEST OF AIRFIELD 4 RM 70 MRL 4 BM 21 MRL 4 122 mm howitzer D-30 4 heavy lift transporters approximately 150 trucks/vehicles 2 NM NORTH OF AIRFIELD 50 trucks/vehicles	CONVOYS BETWEEN DUNMANGA KIBIR OLD AIRFIELD AND OUNANGA KIBIR NEW AIRFIELD - infantry battalion: 5 BTR-60 APC 70 trucks/vehicles 3 vehicle-mounted self-def. weapons systems - support battalion: 4 armored vehicles 51 trucks		
7 SF 200 (1 derailed) 1 SF 200 fuelage 2 CH 47 1 fuel trailer 1 flatbed truck 4 cargo trucks 1 bulldozer	4 portable SA-9 TEL 1 ZU 23 AA 1 ZSU 23-4	6 SF 200 1 HIND A				
7 SF 200 (1 derailed) 2 CH 47 1 fuel trailer 1 flatbed truck 4 trucks 1 bulldozer			WEST END OF RUNWAY 1 SF 200 1 HIND 2 CH 47 3 medium tanks 4 122 mm howitzer D-30 12 NM WEST OF AIRFIELD 3 BM 21 MRL approximately 85 trucks/vehicles 2 NM NORTH OF AIRFIELD 50 trucks/vehicles			
1 ZSU 23-4 3 AA w/prime movers 37 trucks 0.8 km from the end of runway	6 SF 200 1 HIND A		WEST END OF RUNWAY 1 HIND 3 medium tanks 4 122 mm howitzer D-30 5 heavy lift transporters approximately 80 trucks/vehicles 12 NM WEST OF AIRFIELD 3 BM 21 MRL approximately 85 trucks/vehicles	3 SF 200 2 HIND 1 CH 47 in flight approximately 7 BTR-60 6 portable scout cars 8 POL tank trucks 101 trucks 6 heavy lift transporters 14 w/trucks 34 tanks	1 TWIN OTTER 8 trucks approximately 13 BTR-60 PB 4 122 mm howitzer D-30 12 heavy lift transporters at least 12 POL trucks approximately 80 trucks	3 HIND
8 SF 200 (1 derailed) 2 CH 47 1 fuel trailer 6 trucks 1 grader 1 portable bulldozer		6 SF 200 1 HIND A				
7 SF 200 (1 derailed) 2 CH 47 1 DC 4/8 2 BTR-60 12 trucks 1 grader 1 fuel trailer	1 ZSU 23-4 4 ZU 23 AA deployed		WEST END OF RUNWAY 1 HIND 5 medium tanks 4 122 mm howitzer D-30 1 heavy lift transporter approximately 80 trucks/vehicles 12 NM WEST OF AIRFIELD 3 BM 21 MRL approximately 85 trucks/vehicles	3 SF 200 2 HIND 2 tanks 2 earth graders approximately 120 trucks	8 trucks	
		6 SF 200 1 TWIN OTTER 1 HIND A	WEST END OF RUNWAY 1 HIND 5 medium tanks 4 122 mm howitzer D-30 1 heavy lift transporter approximately 80 trucks/vehicles 12 NM WEST OF AIRFIELD 3 BM 21 MRL approximately 85 trucks/vehicles	3 SF 200 2 HIND A 2 tanks 2 earth graders approximately 120 trucks	2 NM NORTH OF AIRFIELD 22 BTR-60 PB APC 8 122 mm howitzer D-30 14 BM 21 MRL 4 RM 70 MRL 6 portable armored vehicles on heavy lift transporters 18 additional heavy lift transporters approximately 200 trucks 3 HIND A	
6 SF 200 (1 derailed) 1 DC 4/8 2 CH 47 1 BTR-60 10 trucks 1 grader 1 fuel trailer	1 ZSU 23-4 4 ZU 23 AA					
11 SF 200 (1 derailed) 1 DC 4 1 CH 47 5 trucks 1 fuel trailer 1 semi trailer	1 ZSU 23-4 4 ZU 23 AA	4 SF 200 1 HIND A	WEST END OF RUNWAY 1 HIND 5 medium tanks 4 122 mm howitzer D-30 1 heavy lift transporter approximately 80 trucks/vehicles 12 NM WEST OF AIRFIELD 3 BM 21 MRL	2 SF 200 1 TWIN OTTER 2 tanks 2 earth graders approximately 120 trucks	2 NM NORTH OF AIRFIELD 3 HIND 8 122 mm howitzer D-30 14 BM 21 MRL 4 RM 70 MRL 11 heavy lift transporters approximately 200 trucks	
		3 SF 200 1 HIND A	WEST END OF RUNWAY 1 HIND 1 SF 200 1 possible SF 200 5 medium tanks 4 122 mm howitzer D-30 1 heavy lift transporter approximately 80 trucks/vehicles 12 NM WEST OF AIRFIELD 3 BM 21 MRL approximately 85 trucks/vehicles	2 HIND A 2 tanks approximately 120 trucks	2 NM NORTH OF AIRFIELD 3 HIND 1 CH 47 2 tanks 22 BTR-60 4 BM 21 MRL 14 BM 21 MRL 8 122 mm howitzer D-30 16 60-ton towable trailers 16 van trucks approximately 90 trucks	
	1 ZSU 23-4 4 ZU 23 AA 3 SA 9 TEL				2 NM NORTH OF AIRFIELD 3 HIND 2 tanks 14 BM 21 MRL 4 RM 70 MRL 8 122 mm howitzer D-30 22 BTR-60 11 heavy lift transporters approximately 100 trucks corner of 6 heavy lift transporters and 9 trucks	

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REFERENCES

IMAGERY

(S/D) All available satellite imagery from [] was used in the preparation of this report.

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DOCUMENTS

1. The Washington Post. *Libya's Quaddafi Strengthens Forces Fighting in Chad*, p A29, 7 Nov 80 (UNCLASSIFIED)
2. NPIC. Z-20068/80, IAR-A193/80, *New Airfield Under Construction in Northern Chad (S)*, Aug 80 (SECRET [])

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(S) Comments and queries regarding this report are welcome. They may be directed to []
Third World Forces Division, Imagery Exploitation Group, NPIC, []

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